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1	US 20050195912 A1	20050908	15	Method and system for transmitting and receiving data streams	375/267
2	US 20050195889 A1	20050908	26	Successive interference cancellation in a generalized RAKE receiver architecture	375/148
3	US 20050185734 A1	20050825	32	Method and radio system for digital signal transmission using complex space-time codes	375/295
4	US 20050157807 A1	20050721	15	Method for transmitting/receiving signal in MIMO system	375/267
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6	US 20050094603 A1	20050505	15	Signal processing apparatus and method using multi-output mobile communication system	370/334
7	US 20050069023 A1	20050331	22	Method and apparatus for combining weight computation in a DS-CDMA rake receiver	375/148
8	US 20050053170 A1	20050310	24	Frequency selective transmit signal weighting for multiple antenna communication systems	375/267
9	US 20050053123 A1	20050310	20	Wireless communications apparatus and method using array antenna	375/148
10	US 20050036575 A1	20050217	13	Method and apparatus providing low complexity equalization and interference suppression for SAIC GSM/EDGE receiver	375/348
11	US 20050025223 A1	20050203	24	Code division multiple access wireless system with closed loop mode using ninety degree phase rotation and beamformer verification	375/147
12	US 20050013350 A1	20050120	37	Method and apparatus for canceling pilot interference in a wireless communication system	375/148
13	US 20040258175 A1	20041223	16	Method and arrangement for limiting signal in radio transmitter	375/295
14	US 20040252796 A1	20041216	15	STTD encoding for PCCPCH	375/347
15	US 20040234012 A1	20041125	37	Reduced-complexity antenna system using multiplexed receive chain processing	375/347
16	US 20040165655 A1	20040826	15	Time tracking in a non-negligible multipath spacing environment	375/148
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6	375/267; 375/347; 455/101	Kim, Bong Hoe et al.
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8		Catreux, Severine et al.
9		Higuchi, Kenichi et al.
10		Kuchi, Kiran Kumar et al.
11		Dabak, Anand G. et al.
12		Coralli, Alessandro Vanelli et al.
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15		Rooyen, Pieter van
16	375/149	Rick, Roland Reinhard et al.
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19	US 20030021354 A1	20030130	20	Transmitter, the method of the same and communication system	375/267
20	US 20030012299 A1	20030116	20	Non-zero complex weighted space-time code for multiple antenna transmission	375/299
21	US 20030002594 A1	20030102	27	Communication device with smart antenna using a quality-indication signal	375/299
22	US 20020172293 A1	20021121	20	Non-zero complex weighted space-time code for multiple antenna transmission	375/267
23	US 20020172264 A1	20021121	20	Partly orthogonal multiple code trees	375/147
24	US 20020126746 A1	20020912	17	Time tracking in a non-negligible multipath spacing environment	375/148
25	US 20020034263 A1	20020321	12	Wireless communications	375/299
26	US 20020031166 A1	20020314	66	Wireless spread spectrum communication platform using dynamically reconfigurable logic	375/130
27	US 20020018529 A1	20020214	24	Code division multiple access wireless system with time reversed spaced time block transmitter diversity encoding	375/267
28	US 6917597 B1	20050712	13	System and method of communication using transmit antenna diversity based upon uplink measurement for the TDD mode of WCDMA	370/280
29	US 6873651 B2	20050329	21	System and method for joint maximal ratio combining using time-domain signal processing	375/219
30	US 6865377 B1	20050308	10	Combined open and closed loop beam forming in a multiple array radio communication system	455/101
31	US 6865237 B1	20050308	29	Method and system for digital signal transmission	375/295
32	US 6853677 B2	20050208	10	Finger using time division method and rake receiver having the same	375/148
33	US 6816557 B2	20041109	21	Non-zero complex weighted space-time code for multiple antenna transmission	375/299
34	US 6804311 B1	20041012	13	Diversity detection for WCDMA	375/347

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25		Schmidl, Timothy et al.
26	375/377	Subramanian, Ravi et al.
27	370/335; 375/347	Dabak, Anand G. et al.
28	370/294; 375/267	Schmidl; Timothy M. et al.
29	375/347	Tesfai; Yohannes et al.
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35	US 6785520 B2	20040831	24	System and method for antenna diversity using equal power joint maximal ratio combining	455/101
36	US 6782036 B1	20040824	18	Smart antenna multiuser detector	375/130
37	US 6771692 B2	20040803	14	Time tracking in a non-negligible multipath spacing environment	375/148
38	US 6748024 B2	20040608	21	Non-zero complex weighted space-time code for multiple antenna transmission	375/299
39	US 6724828 B1	20040420	9	Mobile switching between STTD and non-diversity mode	375/267
40	US 6700926 B1	20040302	11	Method and apparatus providing bit-to-symbol mapping for space-time codes	375/221
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42	US 6542556 B1	20030401	9	Space-time code for multiple antenna transmission	375/299
43	US 6470177 B1	20021022	10	Adaptive sectorization	455/91
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38	375/267; 455/101	Kuchi; Kiran et al.
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40	375/267; 375/299; 375/308; 455/101; 455/69	Heikkila; Markku J. et al.
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43	375/219; 455/561	Andersson; Soren et al.
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